

L 2106

11: RF OSC

amplifier = 30 MC

Video Amplifier = 1.5 MC.

Polarities similar to PNP

 $V_C = -3V$ $I_C = .5 mA$

A average 20

 $R_{\text{output}} = 400K\Omega$ $R_{\text{input}} = 70\Omega$ Base RCc product 800 μsec Base OUTPUTC 3.5 $\mu\text{wf.}$ Collector I_{CO} .5 μA Max $E = 4.5V$ Max $I = .5m$ Total $w = 10mW$ Alpha $C_{of} =$

$$f_{Lce} = \frac{30 \text{ } \omega \cdot c_c (f_{ob \text{ max}})^2}{\omega \cdot c_c}$$

 $I_{CO} + I_{EO}$ controlled to 3 μA at -5V.

L_o = Low freq I amplification factor
Between emitter & collector.

Audio input to the console

.001

5 MV INPUT

650

100	.09	0.85
150	.12	1.62
300	.60	.76
500	.98	1.05
700	.96	1.01
1000	.95	
1500	.95	
2000	.90	
2500	.8	
3000	.6	
5000	.6	1.2
7000	.55	
10K	.25	
15K	.11	
20K	.082	
30K	.06	
40K	.045	
50K	.037	
60K	.033	
70K	.03	

audio gen HP 200D
micro voltmeter 546-B

